

FOLIO

You wait anxiously for it every week and perhaps never give a thought to the behind-the-scenes time and effort put into the publication which lies before you. To answer any queries you may have regarding the publication we will take you on a pictorial tour of the various steps involved in the production of *Folio*.

1. The ideas for articles are usually initiated within the Office of Community Relations *Folio* staff. However, the idea is just the beginning of many working hours spent on researching and writing. Our summer editor, Myron Rockett, labors over the deciphering of a complicated scientific story. The creative juices are quickly soaked up with a smile.

2. Editing the copy for *Folio* prior to its descent to printing is an important step, clarity the target and correct grammar the aim. Sandra Halme ponders the proper sentence structure while listening to the author defend his case.

3. Once the manuscript copy is "edited" Les Campbell prepares to reset the copy. The machine he operates is known as a linotype machine and the keyboard guides type faces into a form which produces a metal slug cast. These linotype slugs are then assembled together in sequence and coated with ink and paper on a proof press. Here galley proofs are produced and this is the first stage of proof reading for the *Folio* editorial staff.



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FOLIO

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Number Four*

*All inquiries and correspondence should
be directed to:*

Folio
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University of Alberta
Edmonton, Alberta T6G 2E8
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The Office of Community Relations
produces Folio on a weekly basis for
the staff and other interested persons

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4. Editor in absentia, Chris Simpson, and designer, David DiFrancesco, are seen here working from the galley proofs to construct a mock layout of *Folio* which is used as a guideline for the page make-up at Printing Services.

5. Galley proofs are closely scrutinized for errors by Cora Doucette and Pat McCreedy. Their proofreading techniques are unequalled in the office.

6. Once the galley proofs have been proofread they are sent back to Printing Services where Roy Normey works from the corrected galleys and mock layout to assemble the pages according to specification. Once this step is completed the pages are again inked and proved on paper to produce the page proofs.



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7. With the final corrections complete, it's back to the proof press where John Mayson pulls a high quality proof or master. These master proofs are then assembled in preparation for the final platemaking.

8. Prior to this final procedure the masters must be photo-mechanically transferred to a film negative. This negative is exposed onto a light sensitive paper which is then processed and manually cut and assembled in sequential order. One last proof, known as a vandyke or a brown-line, is then checked over by the editor and designer. Here, Kurt Grieser applies the final touch-ups to the negatives.

9. Finally *Folio* is ready for the press but not before Harry Williamson fastens the plate, inks up the press and loads the paper. Then and only then does

what you see before you appear.

10. *Folio* doesn't magically appear in your office or in your mailbox. Every week 8,200 *Folios* are printed and distributed on campus and beyond its borders in the city, province and the country. Above is just a small sampling of the 67,000 which are printed for each edition of *Folio/New Trail*. This alumni edition of *Folio* has to be labelled, bundled, and delivered to the post office for distribution throughout the world. This, fortunately, is done off campus although the Office of Community Relations staff did label thousands of these last fall in a test to see if such a procedure could be done on campus. Following eight hours of solid ripping and sticking the conclusion was an unequivocal "No! It must be done off campus!" □



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Campus Offers More Than Work and Study

During a walk through campus on a warm summer's day, particularly over the lunch hour, one will see numerous people relaxing on the grassy areas and soaking up the sun. An ideal way, in an ideal setting, to pass away one's free time.

For those, however, who do not take to sun-bathing and who would like to do something different over the lunch-hour we have prepared a list of interesting spots on Campus that are open to the public. Why not include a few of them in your summer lunch-hour plans?

Plant Science Tropical Greenhouse
Located just south of the Agriculture Building the greenhouse features plants from all areas of the tropics which are combined to form a mini-rainforest. Visitors are welcome to wander among the plants from 9 a.m. until 3:30 p.m. on weekdays and from 2 p.m. to 4 p.m. on Sundays.

Geology Museums
Rooms 90, 81 and 75 on the basement level of the Agriculture Building are home to an interesting collection of minerals, fossils and rocks. Raw diamonds and other precious gems are a few of the hundreds of substances that can be viewed weekdays from 8:30 a.m. to 4 p.m.

Libraries
Over two million volumes (the bulk of which are housed in the Cameron, Rutherford, H.T. Coutts and John A. Weir libraries) are available for staff reading. If you're not too keen on reading, just browsing through the shelves of books can be an interesting and revealing experience. If, however, you are more interested in magazines then drop into Rutherford South and check the shelves for your favorite publication or paper, more likely than not it is there.

Rutherford House
A Provincial Historic Site, the house is furnished in the style of the period 1911 to 1915—the first years of residency of

Alberta's first premier Dr. A.C. Rutherford. During the summer months the house is open from 10 a.m. to 8 p.m. daily and guides are available to assist you. The house is located on Saskatchewan Drive at approximately 112 Street.

Buildings

The University of Alberta campus comprises upwards of seventy buildings which reflect a variety of architectural styles, design concepts and unique facility requirements. Some of the buildings are historic landmarks, others in themselves are teaching aids while yet others are works of art. Make a point to wander the halls of some of these buildings and discover for yourself. A few we would suggest are: Athabasca Hall, Mechanical Engineering, Humanities, Fine Arts and the

Physical Education Centre. For the location of these and other buildings consult the 'new' campus map available in the Community Relations Office.

A weekend on Campus can also be interesting and enjoyable. You can bring your family and friends on a Sunday afternoon walking tour of campus (starting at 1:30 p.m. at the South end of the HUB Mall concourse) during which you will view the grounds, the inside of a few of the more interesting buildings and the general location of your place of work.

A taste of the country right in the city is also a possibility. Walk the grounds of the University Farm (off Belgravia Road at 116 Street) and see a variety of domestic farm animals in a true farm setting. The Dairy Barn is of particular interest every

afternoon starting at 2:30 p.m. when the more than forty-five holsteins are encouraged to surrender their day's production of milk. A special glassed observation area enables you to see all the goings-on.

A short, comfortable drive ten kilometres west on Highway 16 and fifteen kilometres south on Highway 60 will take you to the University's Devonian Botanic Gardens. In an unobstructed country setting you can view over 25,000 different plants and shrubs in a naturalistic environment. Guided tours of the Garden are available, until the end of August, Wednesday to Friday at 11 a.m., 1 and 3 p.m., and Saturday and Sunday at 1:30, 3 and 4:30 p.m.

Have an enjoyable summer in and around the University. □

14th Annual Summer Sports Camps

The 14th annual Golden Bear and Panda Summer Sports Camps are currently underway at the University of Alberta. Over 1,700 boys and girls from all over the province are participating in this year's program, which features specialized camps in twelve activities, including basketball, figure/power skating, football, gymnastics, hockey, soccer, swimming, tennis, track and field, volleyball, wrestling and athletic injuries therapy.

The programs are designed to provide each participant with the best available instruction, in an atmosphere of good sportsmanship and fun. Excellent instruction, combined with the outstanding facilities of the Physical Education and Recreation Centre, ensure participants a very worthwhile educational experience.

Hockey is again the most popular activity, featuring over 700 boys, ranging in age from eight to eighteen, over a period of six weeks. Volleyball is equally popular, attracting over

300 participants over a three week period in the holiday setting of Jasper. (Volleyball is the only activity held off campus.) Swimming, basketball (both boy's and girl's camps) and figure/power skating, all have more than one hundred registrants for their respective camps.

One of the highlights of this year's Golden Bear and Panda Summer Sports Camps was the Swimming Camp, under the direction of Golden Bear Swim Coach, John Hogg. The two week camp (30 June to 11 July) was part of the province's 75th Anniversary "Talent Identification Program," and attracted boys and girls from all parts of Alberta. The government sponsored camp, limited to out of city participants, provided training and instruction for 109 competitive swimmers, ranging in age from ten to eighteen.

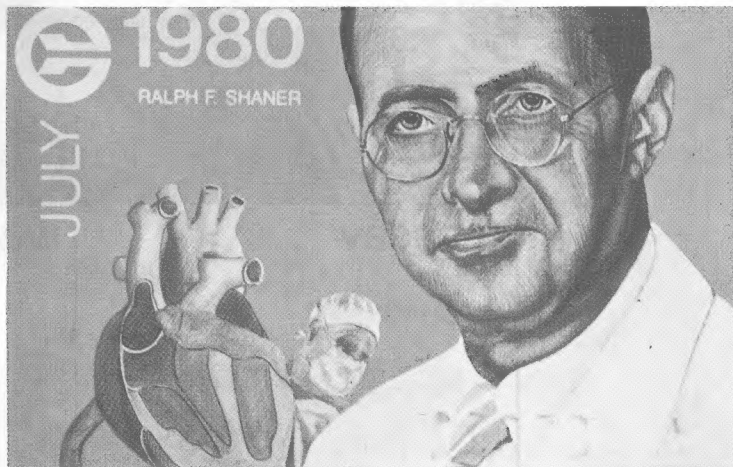
The 1,700 participants in the 1980 Summer Sports programs is the highest registration in the fourteen year history of the

Golden Bear and Panda camps. The outstanding record enrollment is an indication of province-wide acceptance as one of the top summer sports programs in the province of Alberta.

Lou O'Hara
Sports Information Director

Everyone Wants a Copy

Have you ever considered how many clear copies a Canon copier can produce? Printing Services Reprographics division considers the number carefully each month. Auditors count the number of reproductions made by personnel using the five rented duplicating machines located in Athabasca and University Halls. During the 1979-80 year, 815,190 copies were made by these five machines. □



He was known and respected at The University of Alberta and in international medical circles and now those citizens who patronize the Edmonton Transit System are learning something of Dr. Ralph F. Shaner. The likeness of Dr. Shaner, Professor of Medicine at the University for a half century, appears on the July bus pass. The reverse side reads: "Ralph F.

Shaner (1893-1976) was a world authority in heart research related to birth defects. His work is just one example of Alberta's growing commitment to medical research. Shaner left his mark on Alberta's medical community both as researcher and educator. He taught every student who qualified in medicine at the University of Alberta from 1921 to 1971."

Would You Hire A Student?

What did you do during the summer? Certainly this is a common topic discussed by students at the beginning of the school year. For several hundred University students the answer will be—I worked for the University.

Very visible to most people on campus are physical plant's grounds personnel. The Physical Plant Personnel Office hired between twenty and twenty-five students this summer. The majority are working to keep the University grounds well manicured. The rest have been hired to do either maintenance or clerical work within the department.

Temporary Staff Services hired about fifteen students for clerical, and secretarial duties in a variety of departments throughout campus.

Housing and Food Services

Personnel hired approximately twenty-seven students to work throughout the various residences and cafeterias. Of these, ten students work registering people at the Lister Hall Conference Centre, two perform security duties at night, five help maintain Housing and Food Services areas, and the remainder are cooking, cashiering, or serving in one of the campus's many cafeterias.

The Library Personnel Office hired a few students to help out with setting up bookshelves, and shelving books.

Various other offices around the University hire students to do jobs such as lab work, helping with the forthcoming fall registration, research for papers, guiding tours, delivering mail, farm and related duties, and filling many clerical positions. □

people

P. Krishnan, Sociology, participated in the International Conference on Historical Demography. The theme of the conference held in Paris from 27 to 29 May 1980 was Malthus: Yesterday and Today. Professor Krishnan's paper on Gandhi, Malthus, and India's Population was presented in the session on Malthus and Contemporary Populations. After this conference, he visited the International Institute for Population Studies in Bombay, and the newly created Department of Demography and Population Studies at the University of Kerala, Trivandrum, India, where he presented a talk on the implications of low and declining fertility in developed societies with special reference to Canada.

Benita Fifield, Occupational Therapy, was among the invited speakers at a half-day seminar on Sexual Problems in Rehabilitation presented at the Rehabilitation International Congress held 23 to 27 June in Winnipeg. Professor Fifield and her husband, Orville Fifield, presented the segment on "Spinal Cord Injury: Trauma and Sexual Adjustment."

The Faculté Saint-Jean of the University of Alberta has announced the appointment of *Louiselle Daigenault* to the position of Administrative Assistant, responsible for public relations and the information service of the Faculty. Ms. Daigenault replaces *Malcolm (Col) Sissons*, who will henceforth be working in private industry.

Ms. Daigenault will continue to work toward the goal of making the Faculté Saint-Jean

better known in the province and will thus be visiting communities throughout Alberta. She will be pleased to answer questions about the Faculté and can be reached at her office by calling 466-2196, Ext. 33.

Ross A. Denham, Faculty of Business Administration and Commerce, has been elected a Fellow of the Institute of Chartered Accountants of Alberta. The FCA designation is the chartered accountancy profession's most prestigious honour and is awarded for outstanding contributions to the profession and community.

Abram G. Konrad, Coordinator, Centre for the Study of Post-secondary Education, presented an address entitled "Organizing for Adult Learning" at the National Convention of the Canadian Society of Laboratory Technologists on 23 June 1980 in Edmonton.

Gerhard Krapf, Music, delivered two lectures titled "Elements of Well-regulated Church Music," at the American Guild for Organists National Convention, 16 to 20 June in Minneapolis.

John Tartar, Chairman of the Department of Computing Science, participated in a NATO invitational advanced study institute on multiple computer systems held in Maratea, Italy, 14 to 28 June 1980.

Hermann Tennesen, Department of Philosophy, was invited to address Centre de Philosophie du Droit, Université Libre de Bruxelles. Lecture title: "Death and communicative competence," 16 July 1980.

24 July 1980 he is speaking in Bergen (Institut for Filosofi, Universitetet i Bergen): "Om a ta livet av doden" ("To kill death")

R. Peter Heron, Professor in the Department of Recreation Administration, will be the keynote speaker at the Annual Conference of the Royal Australian Institute of Parks and Recreation, in September 1980. The theme of the Conference will be the "Re-assessment of Regional Recreation Resources."

August 1980



sunday

3

10

17

24

monday

4

■ Public holiday;
University buildings closed

11

■ 1 p.m. CDC

18

25

■ 1 p.m. CDC

tuesday

5

■ Deadline for submitting
Cameron Library
reserve requests

12

■ NASA

19

26

wednesday

6

■ 2 p.m. A

13

■ 2 p.m. A

20

■ Deans' C
■ 2 p.m. A

27

■ 2 p.m. A



day

thursday

friday

saturday

1

2

7

8

■ Board of Governors

9

14

■ 2 p.m. UPC

15

16

21

22

23

28

■ 2 p.m. UPC

29

30

A Summer Place

"Join the Celebration and Stay With Us," reads the Lister Hall poster. Judging from the entries in this summer's booking schedule, it's an offer that few have refused. From 5 May to 25 August, Lister Hall eschews its traditional role of home away from home for University of Alberta students and becomes part of Edmonton's hotel/conference centre network. A variety of people stay in the complex for varying lengths of time; youngsters enrolled in the Golden Bear and Panda Summer Sports Camps walk through the same doorways as delegates to the Alberta Research Council's Third International Symposium on Water-Rock Interaction; bands play up a storm during Klondike Days, take their leave, and the people of Statphys, an international congress sponsored by this University's Department of Physics, check in.

All the while, other conferences and meetings are taking place and casual guests—tourists, alumni and their families on holidays, etc.—are being put up for a few days. In total, about 1,200 people can be accommodated.

Lister Hall bumped up its reputation by housing the athletes who competed in the XI Commonwealth Games; from 1 to 19 August, swimming stars from Canada, New Zealand, Japan, and Norway will stay at Lister whilst competing in a major meet sponsored by the Canadian Amateur Swimming Association.

It all makes for a demanding schedule for Therese Roberts, Conference-Customer Services Officer, and her eleven-member staff. That sits well with Mrs. Roberts, however, as she was appointed to the position last September and introduced to the pressing priority of making more extensive use of the facilities during the spring and summer. Hence the poster which, in the company of a rate sheet, was sent to numerous schools, colleges and universities throughout the land, and, more recently, the

printing of 20,000 brochures which will have a wide mailing including various groups and associations having a penchant for conferences. The poster, done in conjunction with the provincial government and Alberta's 75th anniversary theme, has brought results and the brochure will likely precipitate more bookings. In addition to conferences, Lister Hall accommodates workshops, banquets, weddings, and parties,

and provides an on-campus catering service. A shift system is in effect so that Lister Hall is open twenty-four hours a day. Of the eleven people on staff, eight are students living in residence and the other three are permanent, full-time employees.

Mrs. Roberts, who was with Western International Hotels for six years before joining the University staff, works closely with the Edmonton Convention Bureau

and Travel Alberta, and reports that business has risen to the extent that bookings for 1982 have been made. There has also been an influx of complimentary letters from recent guests. Lister's conference personnel remain dedicated to the task but at this rate they may have to set aside a few minutes to indulge in a little horn tooting. □

Dining Out

When the noon hour rolls around members of the University's academic staff have no problem deciding where to go for lunch. They simply make their way to 11435 Saskatchewan Drive, The Faculty Club. A variety of food and drink awaits and, depending on the size of their appetites and the amount of time at their disposal, they can choose between a sumptuous buffet spread upstairs or another, albeit slightly less expansive hot meal downstairs, or soup and sandwiches, also downstairs. The members know what kind of food and service they can expect, says Manager Peter Graf. Indeed, since its official opening on 13 November 1964, the club has prided itself on being consistent, a state that has contributed to the increase in membership from 400 after the first year of operation to the current total of 1,700.

Business has been particularly brisk in each of the last three years, says Mr. Graf. Counting both the upstairs and downstairs facilities, the club serves lunch to about 475 people each weekday and dinner (reservations are a must) to about 150 people each evening of the week. The highest number of people served during one day was 1,050 (700 for lunch, 350 for dinner) in April of this year.

Rather than jumping on any gastronomical bandwagons, the

club stays with such tried and true favorites as Greek and Caesar salads, Châteaubriand, rack of lamb, and peach flambé. There was some experimentation with the menu one year and a "flood of comments" resulted.

An exceedingly popular aspect of the club is the special "night" feature, for example, "Malanka Night" (Ukrainian New Year's), "Robbie Burns Night," "Spanish Night," and "Italian Night."

For the most recent "Malanka Night," 300 tickets at \$30 each went on sale one morning and all were snapped up thirty minutes later. The event, held on the second Saturday in January, includes a complete Ukrainian dinner, a plentiful supply of wine, and entertainment in the form of a Ukrainian dance group.

"Robbie Burns Night," held two weeks later, also goes over very well, so much so that at the last one, the number of celebrants necessitated the cutting of the haggis in both the main dining room and the Papaschase Room.

These kinds of activities generate a tidy income but, over the course of the year, the club just tries to break even. Should a small profit be realized, it is used for the general upkeep of the facilities. Last summer, for example, seating in Papaschase was enlarged from forty to one hundred and a stock room was added in the back.

The club, which was founded by a group of professors who met informally once or twice a week and who decided to take the concept somewhat further, has a president who holds office for one year, a twelve-member executive committee which is drawn from the membership, and various other committees, also made up of members. The current president is Dr. A. Noujaim, Faculty of Pharmacy and Pharmaceutical Sciences. Application to join the club has to be made to the membership committee. If the application is approved, the individual academic must pay \$15 per month (unchanged in the past five years) and this can be done via a monthly payroll deduction or straight payment on a quarterly basis.

The club will cater to special events such as wedding receptions but they have to be sponsored by a member. Temporary membership is allowed for other academics who are visiting the University and an affiliation with every other faculty club across Canada is maintained. The club's full-time staff numbers fifty-six and there are six part-time employees. Their efforts, in combination with those of the working committees, make the Faculty Club one of those adjuncts of the University that academic staff members would least like to be without. □

"Have you ever thought about . . ."

Often referred to as a "city within a city" The University of Alberta always has a number of interesting and exciting things to report on. Throughout the year, without fail, Folio keeps you up-to-date on what the governing bodies are saying, what the researchers are doing, and what the professors are teaching, what changes are taking place on campus and so forth.

There are, as well, many ancillary things being done, and happening on campus without which our "city within a city" could not be complete. Beginning with this issue Folio will feature one such area or topic each week in this column.

If there is anything you have seen, heard, or wondered about on campus write or call us and we will attempt to report on it in future issues.



Wheels II

Not necessarily in mind but always in sight, those ever present green trucks are among the most visible things on campus.

The campus Vehicle Pool could very well be referred to as The University's answer to Hertz. At present a peak of 230 vehicles are maintained for the use of the University community. The forty-five cars and 185 vans, light and heavy trucks are rented to users on campus much the same as a private enterprise rents out vehicles.

The Vehicle Pool, located at the University's Parkland Farm, has a full-time staff of about sixteen, which includes clerical and office staff, mechanics and drivers. The drivers operate a campus bus service. Last year, according to Vehicle Pool Manager G.W. Panter, the operating budget of the fleet was

\$760,000. The fleet as a whole logged 2,750,000 kilometres in 1979 and consumed 623,000 litres of fuel! A large portion of the fuel flowed through the Pool Service Station located by the South Power Plant.

The Vehicle Pool does not operate farm equipment or other specialized vehicles. However, the department does keep a hand in here by maintaining equipment for other departments. The only specialized vehicle operated by the Pool is a radiation control truck, which is distinguishable by its caution symbols.

Mr. Panter says that energy conservation is a primary concern of the department. This is reflected by the trend towards smaller and lighter vehicles, and strict control of engine performance and fuel consumption. □

Chairmen's Council Executive: 1980-81

The Executive of the Chairmen's Council, which also serves as an Advisory Committee to the President, was re-elected in May as follows:

Regular Members:

Dr. T.L. Burton, Department of Recreation Administration
Dr. D.D. Cass, Department of Botany
Dr. C.R. James, Department of Electrical Engineering
Dr. D. Kieren, Department of Family Studies
Dr. G. Maharens, Department of Germanic Languages
Dr. T. Nelson, Department of Psychology
Dr. F.D. Otto, Department of Chemical Engineering
Dr. G.D. Prideaux, Department of Linguistics
Dr. B.L. Scarfe, Department of Economics

Alternate Members:

Dr. P.A. McFetridge, Department of Elementary Education
Dr. P.J. Miller, Department of Educational Foundations
Dr. J. Osborn, Department of Oral Biology

Chairman:

Dr. T. Nelson, Psychology, having received the largest number of votes, is elected as Chairman for 1980-81.

service information

Information must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall

Coming Events

Exhibitions

Rutherford Library Galleria
Continuing. "Canada's West: Photographs from the University of Alberta Archives." A selection of historical photographs relating to Western Canada.

University Special Collections

"Sing, Shining Republic! Highlights of American Poetry, 1809-1978." B37 Cameron Library.

Devonian Botanic Garden

Plants in bloom during the first week of August: Agrimonia, Cephalaria, Eryngium, Hemerocallis, Ligularia, Lilium, Sidalcea, Solidago.

The Garden is open to the Public Monday to Friday, 10 a.m. to 6 p.m. Saturdays, Sundays and Holidays 1 p.m. to 6 p.m. During July and August, guided tours will be given at the following times:

Wednesday, Thursday, Friday:

11 a.m., 1 p.m., 3 p.m.

Saturday, Sunday: 1:30 p.m., 3 p.m., 4:30 p.m.

The Garden can be reached by travelling 10 kilometres west of Edmonton on Highway 16, then 15 kilometres south on Highway 60.

Students' Union

26 July to 15 August. 12 noon to 7 p.m. "The Works 1980"

Summertime exhibition and sale of works in ceramic art, watercolor and blown glass.

Films

Edmonton Film Society

"Screams for a Summer Night" Series

28 July. 7 p.m. "Rabid" (1977)

8:45 p.m. "Shivers" (1976)

Tory Lecture Theatre. Series passes available at HUB, Woodward's.

Lectures and Seminars

Art of Living Club

30 July. 8 p.m. See posters for topic or phone 483-8519. 158 SUB. West entrance.

Sports

Swimming Lessons

Registrations are now being taken for the remaining summer program: 28 July - 8 August.

For further information call 432-3570. Brochures are available at W1-34 and the pool office, Physical Education and Recreation Centre.

Summer Sports Camps

Athletic Injuries Clinic

Room W-1 59, Physical Education

Complex, West Wing, University of Alberta. Date: 4 to 8 August 1980.

Specialized Skating for the Advanced Hockey Player
Varsity Arena, Nautilus Training Room, University of Alberta.
Date: 11 to 16 August 1980.

Gymnastics

Gymnastics Room and Dance Gym, University of Alberta: Dates:
Beginner—28 July to 2 August 1980.
Intermediate—4 to 9 August 1980.
Coaching Certification Level I—28 July to 1 August 1980. Coaching Certification Level II—4 to 8 August 1980.

For further information and application form contact Athletic Services 432-5705.

Notices

Be Wary of Impersonators!

Recently a member of the campus community was approached by a man representing himself as a Professor of the University of Alberta Psychology Department. The man stated he was conducting a survey concerning sexuality among women of eastern races and proceeded to ask very personal questions. No such study is being conducted.

This is a form of sexual deviance and any similar approaches should be rebuffed and the matter reported to the Edmonton City Police or Campus Security with a description of the person involved and any other details that may be observed.

Statistical Consulting Laboratory

The President has provided funding for a two-month period for a statistical consulting laboratory to be operated by the proposed Department of Statistics and Applied Probability. This Laboratory is designed to provide University researchers with free statistical consulting. A service like this is provided at many universities; in Canada, these include the University of Toronto, the University of British Columbia, Queen's and Dalhousie Universities. If there is a favorable response to the service on this campus, we would hope to be able to provide statistical consulting on a more permanent basis.

The Statistical Consulting Laboratory will be open from 20 June to the end of August during the hours 10:30 a.m. to 12 noon and from 1:30 p.m. to 3:30 p.m. daily. The laboratory is housed in 605 Central Academic Building, and the telephone number is 432-3420. All members of the University community desiring statistical consultation on their research problems are invited to use this service.

The Association of Commonwealth Universities
Single copies of the list of members

of this organization are available free of charge from John Foster House, 36 Gordon Square, London, England, WC1H 0PF.

Research Grants

Descriptive or Experimental Studies

The Alberta Advisory Committee for Educational Studies will be pleased to receive applications for grants to support descriptive or experimental studies in education.

Grants in excess of \$3,000 are awarded only rarely because of limited available resources. Grants cannot be given for travel, nor for research which is part of graduate studies.

Application forms may be obtained from and should be returned to Mrs. Helen Mitchell, 1320B Education Tower, The University of Calgary, Calgary, Alberta, T2N 1N4.

Completed applications received by 3 October will be in time for consideration this fall.

Ethnic Research Program

Institutes may apply for the services of academics specializing in ethnic studies, for individual lectures up to a full academic year, to the Visiting Professors and Lecturers Canadian Ethnic Studies Program.

Also available to Canadian scholars is the *Ethnic Research component of the Program*. It promotes and supports interdisciplinary scholarly research and courses of study in areas which to date have been largely neglected.

For information and application forms contact the Grants and Contracts Office 432-2002.

Positions Vacant

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 17 July 1980.

Part-time programmer needed for work on research projects, primarily using package programs. Hours flexible, work can be done at home and computing centre. Telephone 432-6284 for information.

Academic Analyst

Required for the Office of Institutional Research and Planning. The primary function of this office is to support the planning and administrative functions of the university at all levels, by providing technical analysis of data from various sources. The successful applicant will be responsible to the Director for conducting research on a wide variety of topics related to the operations of the university in areas such as staffing, finances and student concerns.

The great diversity of skills which

may be required in the conduct of various projects preclude expecting any one applicant to have all the relevant background; however, applicants should either have or be capable of acquiring in a few months as many of the following as may be required: knowledge of at least one high level computer language, preferably Fortran; knowledge of a variety of data storage and retrieval methods; knowledge of the research methods pertaining to sampling techniques, instrument construction, data collection and statistical analysis; some background in Business Administration or Economics; excellent communication skills, both written and oral; ability to work effectively with others in a research team; good library skills.

Salary range is \$22,448 to \$30,309 per annum with starting salary commensurate with qualifications and experience. The university offers a comprehensive employee benefits package.

Interested persons should apply to: Dr. E.A. Holdaway, Director, Office of Institutional Research & Planning, 1-16 University Hall, University of Alberta, Edmonton, Alberta, T6G 2J9.

Non-Academic Positions

Financial Records Clerk (\$474.36-\$566.53)—Physiology (Part time)
Clerk Typist II (Part time/Term)—\$415.08-\$495.71—Immunology
Clerk Typist II (\$830.15-\$991.42)—Physical Plant—Vehicle Pool
Library Clerk II (\$830.15-\$991.42)—Music (Term)
Purchasing Clerk I (\$861.22-\$1,030.83)—Purchasing/Buying
Clerk Steno II (\$861.22-\$1,030.83)—Extension (3 positions); Medical Laboratory Science; Education—Student Records Office; Physical Education
Duplicating Equipment Operator (\$893.47-\$1,069.05)—Mathematics
Clerk Typist III (\$922.13-\$1,109.66)—Political Science; English
Clerk Steno III (\$959.16-\$1,157.44)—Sociology; Obstetrics and Gynaecology; Personnel Services and Staff Relations; Civil Engineering; Business Administration and Commerce; Educational Psychology
Accounts Clerk (Part-time) (\$495.71-\$602.61)—Devonian Botanic Garden
Medical Steno (\$1,030.83-\$1,257.77)—Psychiatry
Medical Steno (Part time/Trust) \$773.00-\$943.32—Medicine
Secretary (\$1,069.05-\$1,309.14)—Business Administration and Commerce; Dentistry; Physical Therapy; Field Services—Education
Library Assistant II (\$1,069.05-\$1,309.14)—University Archives
Administrative Clerk (\$1,069.05-\$1,309.14)—Nursing
Department Secretary (part-time) (\$602.61-\$742.37)—Slavic Languages
Department Secretary (\$1,205.22-\$1,484.74)—Introductory Biology Program; University Collections

Animal Assistant I (part-time, term) (\$430.16-\$515.42)—Surgical Medical Research Institute
Building Services Worker I (Part time) (\$459.32-\$549.78)—Physical Plant
Pharmacist (part-time) (\$742.37-\$921.54)—University Health Services
Storeman I (\$893.47-\$1,069.05)—Chemistry
Building Services Worker II (\$959.16-\$1,157.44)—Housing and Food Services (2 positions)
Computer Assistant II (\$991.42-\$1,205.22)—Computing Services (2 positions)
Technical Assistant (\$991.42-\$1,205.22)—Devonian Botanic Garden
Technical Assistant (\$991.42-\$1,205.22)—Photo Services
Storeman II (\$1,030.83-\$1,257.77)—Chemistry
Building Services Worker III (\$1,069.05-\$1,309.14)—Physical Plant (2 positions)
Pool Operations Attendant (\$1,069.05-\$1,309.14)—Physical Education and Recreation
Technician I (\$1,069.05-\$1,309.14)—Soil Science (3 positions); Computing Services; Zoology
Field Technician I (\$1,069.05-\$1,309.14)—Genetics
Chemical Technician I (\$1,069.05-\$1,309.14)—Soil Science
Civil Engineering Technician (\$1,069.05-\$1,309.14)—Civil Engineering
Animal Technician I (\$1,069.05-\$1,309.14)—Bioscience Animal Services (2 positions)
Audiovisual Technician I (\$1,069.05-\$1,309.14)—Technical Services—Audiovisual (Term)
Technician I/Technologist I (\$1,069.05-\$1,309.14)—Physiology (Trust)
Senior Technical Assistant (\$1,109.66-\$1,365.29)—Devonian Botanic Garden
Offset Equipment Operator (\$1,109.66-\$1,365.29)—Extension
Building Service Worker IV (\$1,157.44-\$1,423.81)—Physical Plant
Computer Operator I (\$1,157.44-\$1,423.81)—Computing Services
Security Officer I (\$1,205.22-\$1,484.74)—Campus Security (2 positions)
Technician II (\$1,205.22-\$1,484.74)—Medicine (Trust)
Chemical Technologist I (\$1,205.22-\$1,484.74)—Home Economics; Chemical Engineering
Laboratory Technologist I (\$1,205.22-\$1,484.74)—Provincial Laboratory
Audio Visual Technician II/III (\$1,205.22-\$1,690.17)—Technical Services
Computer Operator II (\$1,257.77-\$1,550.43)—Educational Research Services
Programmer/Analyst I/III (\$1,257.77-\$2,195.45)—Administrative Systems
Editorial Assistant (part-time) (\$1,309.14-\$1,617.33)—Full Time Equivalent—Senate (Term)
Art Technician Demonstrator I (\$1,309.14-\$1,617.33)—Art and Design
Electronics Technician II (\$1,309.14-\$1,617.33)—Chemistry
Plant Operator I (\$1,309.14-\$1,617.33)—Heating Plant
Technologist II (Textile) (\$1,365.29-

\$1,690.17)—Home Economics
Administrative Assistant (\$1,365.29-
\$1,690.17)—Business Administration
and Commerce
Maintenance Worker II (\$1,365.29-
\$1,690.17)—Physical Plant
Electronics Technician III (\$1,484.74-
\$1,843.07)—Physics
Engineering Technologist III (\$1,484.74-
\$1,843.07)—Physical Plant
Programmer/Analyst II/III (\$1,484.74-
\$2,195.45)—Administrative Systems
(2 positions); Computing Services
(3 positions); Printing Services
Technologist IV (\$1,763.03-\$2,195.45)
—Dentistry
Programmer/Analyst III (\$1,763.03-
\$2,195.45)—Computing Services
Programmer/Analyst III/IV (\$1,763.03-
\$2,629.04)—Health Sciences
Computer Application
Engineering Technologist V (\$1,924.31-
\$2,400.90)—Physical Plant

*The following is a list of currently
available positions in the University of
Alberta Libraries. The bulletin board
in the Cameron Library, Room 512,
should be consulted for further infor-
mation as to availability and position
requirements.*

Library Clerk III (\$893.47-\$1,069.05)
—Government Publications
Library Assistant I (\$959.16-\$1,157.44)—
Acquisitions
Programmer/Analyst III (\$1,763.03-
\$2,195.45)—Systems

Advertisements

*Advertisements must reach the Editor by
3 p.m. on the Thursday prior to
publication date which date
also serves as the deadline for
cancellation of advertisements. The cost
of placing advertisements is 20 cents per
word for the first week and 10 cents
per word for subsequent weeks ordered
before the next deadline. Advertisements
must be paid for in advance, and are
accepted at the discretion of the Editor.
We regret that no advertisements can be
taken over the telephone. For order
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Accommodations available

For sale?? Too High?? Are most
homes too high and the lots too
small? Try this three plus bedroom
home on 170' lot close to University
of Alberta for only \$93,000. Call
DeAnna Larson 481-0936 or Spencer
Real Estate 436-5250.

For sale—By owner. Three bedroom,
1,260 sq. ft. bungalow in Terrace
Heights on quiet crescent. Ten
minutes from University. Large
family kitchen. Developed basement.
Carport and double garage. Asking
\$96,500. 465-1116.

For sale—Lakefront cottage. Attractive,
two bedroom, redwood cabin,
recently renovated, 15 minutes
southeast of city at Sunset Bay on
Cooking Lake. Stone fireplace,
beautiful view. 462-0748 or 922-4771.

For sale—Downtown area luxury con-
dominiums—Two large condominiums,

south exposure, all major appliances,
wood-burning fireplace, sauna and
pool common amenities. Excellent
financing in place. Burns, Fry &
Pape 428-0274, 464-6416 evenings.

For sale—Near University. Spacious,
two bedroom bungalow. Excellent
condition on large RC1 lot. Developed
basement easily adapted to legal suite.
Garage. Good assumable mortgage
at 10¾%. Asking \$79,800. Evenings
436-3338. No agents.

For rent—1 September. Windsor Park.
Executive bungalow, wonderful
location, walking distance University,
partly furnished, professionally
landscaped, garage. Phone 1-252-2991
or write #1023, 6707 Elbow Drive
S.W. Calgary. T2V 0E5.

For sale—Classy, comfy condominium
(large Hearthstone townhouse).
Finished basement with superb
laundry/sewing centre. Sliding patio
doors to appealing cedar deck
bordering greenbelt. Only few
steps to ravine. Call DeAnna Larson
481-0936, 436-5250. Spencer's.

For sale—Charming, two bedroom
bungalow in west end. Good starter
or investment. Built-in china cabinet,
lots of cupboards, new carpet. Fully
developed basement. Double garage.
Price \$79,900. Faye Lund, Block
Bros. Realty 436-4240, 487-2422.

For sale—Riverbend. Two storey with
attached, double garage. This pretty,
four bedroom home has sunken
living room with hardwood floor,
brick fireplace. Playroom developed
in basement. Price \$146,900. Faye
Lund, Block Bros. Realty 436-4240,
487-2422.

For sale—Good, solid, two bedroom
bungalow with basement suite. New
roof, furnace, plumbing, and vinyl
siding. Five minutes by bus to
campus. Super revenue potential.
Listed at \$72,000. Call Robert Kully.
A.E. LePage Melton Real Estate
437-7480 439-1985.

For sale—New bungalow on treed 3.35
acres east of Sherwood Park. Very
secluded property. 1,458 sq. ft.
Sunken family room off large kitchen
with ample cupboards. Excellent
value at \$103,500. Faye Lund, Block
Bros. Realty. 436-4240, 487-2422.

For rent—Fully furnished, four bed-
room bungalow, developed basement,
five appliances, garage, September,
Southgate, 435-7509.

For sale—Grandview. Excellent,
southwest neighborhood. Two storey,
four bedroom home built by Perry.
Double front drive garage. Pegg-1
oak flooring in living room, dining
room. Fully developed basement.
Price \$178,000. Faye Lund, Block
Bros. Realty. 436-4240, 487-2422.

For sale—Fifteen miles from Edmonton.
2,042 sq. ft., open-beam ranch
bungalow. Feel the warmth of cedar
throughout. Family room has stone
fireplace. Formal dining room,
large kitchen. Three acres. Maureen
Westlake 434-6958, 434-5250
Spencer Real Estate Ltd.

For rent—Large furnished apartment.

Adult deluxe highrise; pool, beautiful
view, excellent location, buses,
shopping, University. No pets. Non-
smokers preferred. References.
Flexible September 1980 - May 1981.
488-5113.

For sale—Manhattan style town houses
in centre city. Two bedrooms, sunny
loft, fireplace, enclosed cedar deck.
\$79,900. Call Betsy Rigal 437-3527
or Pat von Borstel 437-6540 or
Spencer Real Estate 436-5250.

For sale—Tudor Lane Blue Quill.
Three bedroom town house. Fire-
place, rumpus room, garage. \$75,900.
Joyce Byrne 435-6064, 436-5250
Spencer Real Estate.

For sale—Architect designed home in
parklike setting in Grandview. 3,600
sq. ft. includes exciting living room
and separate dining room, large
rumpus room, family room, den, five
bedrooms. Call Betsy Rigal 437-3527
or Spencer Real Estate 436-5250.

For sale—Duggan. Completely devel-
oped, two storey, four bedroom,
family home. Professionally land-
scaped. \$146,200. Spencer Real
Estate. Sharon Campbell 435-8344,
436-5250 Spencer Real Estate,
Pat Hurlburt 463-1159.

For sale—Fabulous family home in
well established area. Five bedrooms,
large dining room, over-sized kitchen
leading to a deck. Only \$144,200.
Sharon Campbell 435-8344, 436-5250
Spencer Real Estate.

For sale or rent—Four bedroom, split
level in Aspen Gardens, near wooded
ravine, fully carpeted, double garage,
direct bus to University. \$123,500.
Phone 437-7421.

For sale—Corner lot in Riverbend
(75'x125'), possible view towards
river, \$105,000. Call DeAnna Larson
481-0936, 436-5250. Spencer Real
Estate.

For sale—By owner. Five bedroom,
two baths. 11050 80 Avenue.
\$98,000. Call Paul 433-9866.

For rent—Two room suite. Private
entrance, furnished or unfurnished.
Close to University. 435-9402.

For sale—Choice location in North
Windsor Park. Three bedroom
bungalow, double attached garage,
fully developed basement. For
viewing call Ray or Agathe Huot at
436-3695, 436-3050, pager 437-7560
#1711. Potter Realty Co. Ltd.

For rent—Three bedroom house, five
appliances, garage, close to Uni-
versity. 435-1946 evenings.

Male/female required to share
south side house on ravine.
Available 1 August. Non-smoker.
All appliances. Call Raewyn
423-1888 bus., 469-0549 res.

For rent—Wanted mature, preferably
professional companion to share
two bedroom luxury apartment one
block from University. Must have
own bedroom furniture and TV if
desired. Res. 433-4783 between
10:30 - 11:30 a.m. or 7 - 8:30 p.m.
weekdays, anytime weekends.

For sale—Grandview. Four bedroom
home in beautiful condition featuring

oak floors, brick open fireplace,
deck off dining room, double front
drive garage is offered for sale
under \$160,000. Call Eleanor
Duncan 436-3050 Potter Realty or
434-7368.

For sale—Blue Quill. Four bedroom,
split level, ideally suited to the
young family. Features professionally
designed play yard for children,
quiet patio for parents, double
attached garage. Price \$140,000 with
\$85,000 mortgage at 10¼%. Call
Eleanor Duncan. Potter Realty
436-3050 or 434-7368.

Accommodations wanted

Rental accommodation wanted in
Kelowna from August. Phone
Madeline Bailey 437-5579 evenings,
427-2611 days.

Serious graduate student wishes to rent
apartment, townhouse, house near
university September - May. I have two
show dogs, but can supply references
from previous landlords. Would
prefer to care for home while
professor is on sabbatical. Call John
Hogg, Dept. Athletic Services (re:
Jan Henderson) 432-5910.

Political Science scholar visiting under
auspices of the Canadian govern-
ment desires modest furnished
accommodations for one person for
approximately mid-September to
mid-December. Location proximate
to University of Alberta and
provincial government offices
desired. Write: Lauren McKinsey,
1110 South 3rd, Bozeman,
Montana. 59715.

Professor, wife and child wish to
rent unfurnished house from
September. 434-2198.

Married graduate student, couple in
mid thirties require small house
with two bedrooms and storage.
Rental for one to two years, should
be reasonable distance or bus route
to University. Have no children, no
pets, nonsmoking, will supply
excellent references. 15 August
preferred. Phone 484-5703.

Automobiles and others

1966 Citroen. Excellent condition.
FM/AM stereo. 466-0496, 468-2925.

1978 Yamaha 650 Special. 9,000 kilo-
meters. Mint condition. Phone
434-8393 after 6 p.m.

1969 VW Beetle. One owner. \$400.
439-7720 after 6 p.m.

For sale—Volvo stationwagon, 1974.
Fuel injection, automatic, air
conditioner, 68,000 miles. Owner
going overseas, August. \$3,500.
435-7508.

For sale—Sailboat, 14 foot. Fiberglass,
Flying Junior with trailer. \$1,050.
435-7508.

'73 Datsun 610, 4-cyl, automatic, low
mileage. 437-3710 after 6 p.m.

Mercedes Benz Diesel, 1977 240D.
Sophisticated economy and
comfort. Manual transmission, stereo
cassette. Perfect condition. Phone
432-6359 days, 484-5703 evenings
after 27 July.

Goods for sale

Clavichord made by Morley, London circa 1950. Good tone, good condition, \$900. Dining room table, teak, six chairs. Two extension leaves, \$600. Nine cubic foot chest freezer, \$125. Snare drum, stand, \$65. 465-3238.

Bicycle, Raleigh, men's 3-speed. Like new. \$100. 439-7720 after 6 p.m.
Wanted Encyclopedia Britannica 3. Must be in usable condition. Contact 432-2625 9 - 4 p.m.

For sale—Single bed-box-spring and mattress. Excellent condition. \$75. Phone 437-7508 after 8 p.m.

Services

Edmonton Yoseikan Karate Club:

Call Sport Alberta 458-0440.

Professional typing. 464-4887.

Expert typing—theses, etc. 455-0641.

Donnic Typing Services Ltd. Specializing in word processing. 301A Whyte Avenue Bldg. 10454 Whyte Avenue. 432-1419.

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Carpentry, additions, counter tops, dishwashers, plumbing, painting, wallpapering, ceramic tiles, seamless tub surrounds. 453-1059.

Kozak Business Services: Typing of theses, résumés, reports, manuscripts, proposals and correspondence. Student discounts available. #305, 9924 106 Street. 423-3068, 483-6075, evenings, weekends.

Painting, wallpapering—Calico Decorators. Quality workmanship. References. Free estimates. 436-6239.

Expert medical/scientific typing done at home on IBM Selectric. Five years' experience. University references.

Will pick up and deliver. 476-0805.

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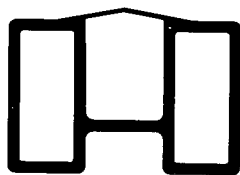


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MENTAL HEALTH PROJECT FUNDING NOW AVAILABLE

The Provincial Mental Health Advisory Council is now inviting mental health research proposals.

**Proposals relating to the
neuropsychological aspects of
delinquency and maladjustment in
adolescents will receive priority for the
September 11, 1980 submission deadline.**

The deadline for submission to
other competitions are:

Continuing grants and
research scholarships January 16, 1981

New research grants September 18, 1981

To request guidelines
and an application form, contact:

**Executive Secretary
Research Committee
Provincial Mental Health
Advisory Council
10030 - 107 Street
EDMONTON, Alberta
T5J 3E4**

Alberta

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AND COMMUNITY HEALTH